

Human Melanoregulin (MREG) ELISA Kit | MREG elisa kit

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CATALOG #
AAA331696

REACTIVITY
Human

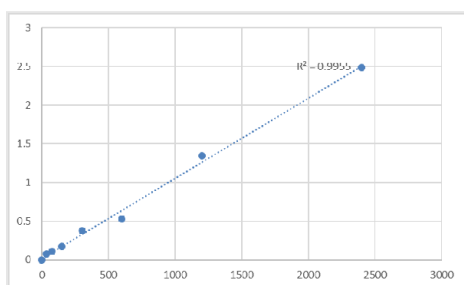
PRODUCT SYNONYMS

Melanoregulin (MREG); Human Melanoregulin (MREG) ELISA Kit; MREG; DSU; FLJ10116; MGC90296; WDT2; OTTHUMP00000206796; dilute suppressor; whn-dependent transcript 2; MREG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Melanoregulin (MREG) ELISA Kit has high sensitivity and excellent specificity for detection of Human MREG. No significant cross-reactivity or interference between Human MREG and analogues was observed.
Sequence Length	214
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Melanoregulin (MREG) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MREG elisa kit	Description: This Human Melanoregulin (MREG) ELISA Kit employs a two-site sandwich ELISA to quantitate MREG in samples. An antibody specific for MREG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MREG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MREG is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MREG bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MREG (Melanoregulin) is a Protein Coding gene. Plays a role in the incorporation of pigments into hair. May function in membrane fusion and regulate the biogenesis of disk membranes of photoreceptor rod cells (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124487399
NCBI GeneID	55686
NCBI Accession #	NP_060470.2
NCBI GenBank Nucleotide #	NP_060470.2
UniProt Accession #	Q8N565
NCBI Official Full Name	melanoregulin
NCBI Official Synonym Full Names	melanoregulin
NCBI Official Symbol	MREG
NCBI Official Synonym Symbols	DSU; WDT2
NCBI Protein Information	melanoregulin
UniProt Protein Name	Melanoregulin
UniProt Gene Name	MREG
UniProt Synonym Gene Names	DSU
UniProt Entry Name	MREG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.